PATENT TRU-2145 CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION: Andrew M. Lichkus

Serial No.

Art Unit:

Filed: HEREWITH

Examiner:

For: DENTAL PRODUCT, KIT SYSTEM AND METHOD

The Commissioner of Patents and Trademarks Washington, D.C. 20231

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<u>Information Disclosure Statement</u>

Enclosed pursuant to 37 CFR 1.56 are PTO form 1449 and a copy of each reference cited therein.

Respectfally submitted,

Dale R. Lovercheck

Patent Attorney Reg. No. 28638

DENTSPLY INTERNATIONAL INC.

570 West College Avenue York, Pa 17405-0872 (717) 849-4472

Enclosures

December 14, 2001

FORM PTO-1449 MODIFIED Serial No. Case No. List of Patents and Publications TRU-2145 CON Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office Applicant: Andrew M. Lichkus et al Group Filing Date: HEREWITH U. S. PATENT DOCUMENTS **Examiner Initial** Document No. Date Name Class Subclass 3,628,248 12/71 Kroder et al 32 10 4,247,665 1/81 Daniels et al 525 421 4,412,824 11/1/83 Kulwiec et al 433 170 4,514,173 4/30/85 Re 433 178 4,659,752 4-87 Piret 523 206 5,102,337 4/7/92 Soroca 433 178 5,122571 6/92 Westeppe et al 525 66 5,254,604 10/19/93 Mori et al 522 95 2/94 5,288,799 Schmid et al 525 6 9/3/96 5,551,873 Aiba 433 72 FOREIGN PATENT DOCUMENTS **Examiner Initial** Document No. Date Country Translation YES NO 96/13244 5/9/96 WO IN ENGLISH OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Fitton et al; Clinical Materials 17 (1994); "The Physical Properties of a Polyacetal Denture Resin"; pages 125-129 Morton et al; The Journal of Prosthetic Dentistry; Volume 80, Number 1 Evaluation of resilient abutment components on measured strain using dynamic loading conditions; pages 46-51 Valplast International Corp.; Smile with Confidence, Valplast brochure, 1996; 3 pages **EXAMINER DATE CONSIDERED** *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant: Andrew M. Lichkus et al Filing Date: HEREWITH Group	FORM PTO-1449 MODIFIED List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office			Case No. TRU-2145 CON	Serial No.	1503 U.S. PTO 10
S. PATENT DOCUMENTS				Applicant: Andrew M. Lich	ıkus et al	9
Document No. Date Name Class Subclass				Filing Date: HEREWITH	Group	
5,569,036			U. S. PA	TENT DOCUMENTS		
5,607,300 3/97 Tepper	Examiner Initial	Document No.	Date	Name	Class	Subclass
5,623,013		5,569,036	10/29/96	Goldiner et al	433	168.1
5,658,586 8/19/97 Rajaiah et al 424 435 6,136,920 1-/00 Hert et al 525 66 FOREIGN PATENT DOCUMENTS Examiner Initial Document No. Date Country Translation YES NO 196 18 364 11/97 DE ENGLISH ABSTACT FROM DIALOG SRCH OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Valplast International Corp.; For Your Next Flexible Partial, Valplast brochure, 1995; 5 pages Valplast International Corp.; "Valplast® Techniques", Valplast brochure, 1995; 5 pages		5,607,300	3/97	Tepper	433	6
FOREIGN PATENT DOCUMENTS Examiner Initial Document No. Date Country Translation YES NO 196 18 364 11/97 DE ENGLISH ABSTACT FROM DIALOG SRCH OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Valplast International Corp.; For Your Next Flexible Partial, Valplast brochure, 1995; 5 pages Valplast International Corp.; "Valplast® Techniques", Valplast brochure, 1995; 5 pages		5,623,013	4/97	Tanaka et al	524	443
FOREIGN PATENT DOCUMENTS Examiner Initial Document No. Date Country Translation YES NO 196 18 364 11/97 DE ENGLISH ABSTACT FROM DIALOG SRCH OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Valplast International Corp.; For Your Next Flexible Partial, Valplast brochure, 1995; 2 pages Valplast International Corp.; "Valplast® Techniques", Valplast brochure, 1995; 5 pages		5,658,586	8/19/97	Rajaiah et al	424	435
Examiner Initial Document No. Date Country Translation YES NO 196 18 364 11/97 DE ENGLISH ABSTACT FROM DIALOG SRCH OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Valplast International Corp.; For Your Next Flexible Partial, Valplast brochure, 1995; 2 pages Valplast International Corp.; "Valplast® Techniques", Valplast brochure, 1995; 5 pages		6,136,920	1-/00	Hert et al	525	66
Examiner Initial Document No. Date Country Translation YES NO 196 18 364 11/97 DE ENGLISH ABSTACT FROM DIALOG SRCH OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) Valplast International Corp.; For Your Next Flexible Partial, Valplast brochure, 1995; 2 pages Valplast International Corp.; "Valplast® Techniques", Valplast brochure, 1995; 5 pages						1
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Valplast International Corp.; "Valplast® Techniques", Valplast brochure, 1995; 5 pages		OTHER PRIOR	ART (Includi	ng Author, Title, Date, Pertinent Pa	iges, Etc.)	
Valplast International Corp.; "Valplast® Techniques", Valplast brochure, 1995; 5 pages					Your Next Flexible Pa	artial, Valplast
Valplast International Corp.; "Valplast® Techniques", Valplast brochure, 1995; 5 pages						
Valplast Processing Technique 1995 (34 pages)					plast® Techniques",	Valplast brochure,
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				Valplast Processing Technique 19	95 (34 pages)	
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FORM PTO-1449 MODIFIED List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office			Case No. TRU-2145 CON	U.S. PTO		
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	OTHER PRIOR	ART (Includ	ling Author, Title, Date, Pertinent Page	es, Etc.)		
			Rapid Injection Systems; Clasp-eze	brochure; 1 page		
			 			
			Rapid Injection Systems (RIS) Mach	nine (3 pages)		
			Flexite II; Specifically for Partials (3	pages)		
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FORM PTO-1449 MODIFIED List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office			Case No. TRU-2145 CON		1.8. PTO			
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			Rapid Injection Systems Corp.	: Instructions for Claspez	e: 1 page			
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		-	Pressing Dental S.r.l.; Technical table 005; Partial Denture Manufacturin Procedure (2 pages)					
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FORM PTO-1449 MODIFIED List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office			Case No. TRU-2145 CON	Serial No.	16503 U.S. PTO 10/0 1692& 12/14/01
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			Acetal Dental; Acetalyc Resin Inject Polymethylmethacrylate ohne Mono fur Totalprothesen; 6 pages		
			Austenal; Thermoflex; Flexible Rest	torative for Dentistry	r; 1 page
			MICRODENTAL; Give your Patien 2 pages	nts a Metal Free Smil	le with Dental D;
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not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 MODIFIED List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office					Case No. TRU-2145 CON	Serial No.	13 U.S. PTO	
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FORM PTO-1449 MODIFIED List of Patents and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office			Case No. TRU-2145 CON	Serial No.	U.S. PTO	
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			Austenal; Thermoflex; The First insert containing pricing - 1 page		sthetics; 4 pages	
			MicroSelect, Inc.; Dental D; "Producing natural-looking results for more applications with Dental D; 1999; 2 pages			
			Dental D - Metal-free removables, Contemporary Esthetics and Restorative Practice 1998;2(6): 52, 56-57. Tech-Specs			
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Examiner Initial	Document No.	Date	Country	Translation YES NO	
	OTHER PRIOR A	RT (Including	Author, Title, Date, Pertinent Pages, I	Etc.)	
			Huggett et al; J. Dent. 1986; "The use of ogs. 18-22	f nylon as a denti	ıre-base material"
		N	MacGregor et al; Journal of Dentistry, 1 with denture polymers"; pgs. 146-157	2 No. 2 1984; "F	Recent experiences
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.